| Issue Classification | on |
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| Application No.   | Applicant(s)   |
|-------------------|----------------|
| 10/072,863        | KAIM, WAYNE K. |
| Examiner          | Art Unit       |
|                   |                |
| Theresa T. Snider | 1744           |

|                     |                                  | IS              | SUE C                                   | LASSII       | FICAT                    | ION                         |                    |  |  |  |  |  |  |  |
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|                     | ORIGINAL                         |                 | CROSS REFERENCE(S)                      |              |                          |                             |                    |  |  |  |  |  |  |  |
| CLASS               | SUBCLASS                         | CLASS           | CLASS SUBCLASS (ONE SUBCLASS PER BLOCK) |              |                          |                             |                    |  |  |  |  |  |  |  |
| 15                  | 308                              | 15              | 309.1 102                               |              |                          |                             |                    |  |  |  |  |  |  |  |
| INTERNATIO          | NAL CLASSIFICATION               | 101             | 425                                     |              |                          |                             |                    |  |  |  |  |  |  |  |
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|                     | stant Examiner) (Date            | TI.             | ی رہے<br>ERESA 1<br>IMARY E             | SNIDE        | Total Claims Allowed: 21 |                             |                    |  |  |  |  |  |  |  |
| Haral<br>(Legal Ins | Smitt_ //<br>struments Examiner) | /22/64<br>Date) |   | nary Examine |                          | O.G.<br>Print Claim(s)<br>1 | O.G.<br>Print Fig. |  |  |  |  |  |  |  |

| E        |               | Claims renumbered in the same order as presented by applicant |     |             |       |     |           |      |   |          |          |        |          | <u></u> |          |                  | 4.47 |          |                    |     |
|--|---------------|---|-----|-------------|-------|-----|-----------|------|---|----------|----------|--------|----------|---------|----------|------------------|------|----------|--------------------|-----|
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| 1        | la            | ging  |     | nat         | Jing. |     | <u>la</u> | jina |   | <u>a</u> | ina      |        | <u>@</u> | ina     |          | <u>a</u>         | nal  |          | <u>m</u>           | lal |
| 1        | ፲             | Ö   |     | i Ē         | Öğ    |     | ፲፰        | , ji |   | i =      | )rig     |        | 듄        | rig     |          | Ë                | į    |          | iĚ                 | igi |
| 2       32       62       92       122       152       153       181         3       34       64       94       124       154       183       183         5       5       35       65       96       125       155       185       183         6       36       66       96       126       156       188       188  | 1             | <b>-</b>  | -   |             |       |     |           |      |   |          | <u> </u> |        |          |         | i        |                  |      |          |                    | 0   |
| 3  | <del>'</del>  |   | 1   |             |       |     |           |      |   |          |          |        |          |         |          |                  |      |          |                    | 181 |
| 4       34       64       94       124       154       183         5       5       36       65       95       125       155       185         8       6       96       126       156       186       188         8       9       38       68       98       128       158       188         8       9       99       10       40       70       100       130       160       190         10       11       12       42       72       102       132       162       192         2       13       43       73       103       133       163       193         3       14       44       74       104       134       164       194         4       15       45       75       105       135       165       195         7       17       47       77       107       137       167       197         18       48       78       108       138       168       198         19       49 <td>ļ</td> <td></td> <td>ł</td> <td><del></del></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td><u></u></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>182</td> | ļ             |   | ł   | <del></del> |       |     |           |      |   | <u></u>  |          |        |          |         |          |                  |      |          |                    | 182 |
| 5       5       35       65       96       125       155       184       184       184       185       184       185       185       186       186       126       155       155       186       186       186       126       156       116       186       186       188       189       1190       130       1160       1100       130       1160       130       1160       1160       1160       1160       1160       1160       1160       1160       1160       1160       1160       1160       1160       1160   | _             |   | 1   |             |       |     |           |      |   | <u> </u> |          |        |          |         |          |                  |      |          |                    | 183 |
| 6       36       66       96       126       155       185       185         7       37       67       97       127       157       187       187       188       188       128       158       188       188       188       128       158       189       1100       1100       1100       1100       1101       111       111       111       111       111       111       111       111       111       111       111       111       111       111       111       111   | 5             |   | -   |             |       |     |           |      |   |          |          |        |          |         |          |                  |      |          |                    | 184 |
| 7       37       667       97       127       156       186       187       187       188       188       188       99       129       159       189   | <b>—</b>      |   | -   | <u> </u>    |       |     |           |      |   |          |          |        |          |         |          |                  |      |          |                    | 185 |
| 8       38       68       98       128       159       188       189       190       190       190       190       190       190       190       190       190       190       190       190       190       190       190       192       192       192       192       192       192       192       192       192       192       192       192       193       162       192       192       192       193       163       193       163       193       163       193       163       193       194       194       194       194       194       194       194       194       194       194   | -             |   | ┨   | ├           |       |     |           |      |   |          |          |        |          |         |          |                  |      |          |                    | 186 |
| 8       9       39       128       158       188         9       10       40       70       100       130       160       190         10       11       41       71       101       131       161       191         11       12       42       72       102       132       162       192         2       13       43       73       103       133       163       193         3       14       44       74       104       134       164       194         4       15       45       75       105       135       165       195         6       16       46       76       106       136       166       196         7       17       47       77       107       137       167       197         18       48       78       108       138       168       196         19       19       139       169       199       139       169       199         13       20       50       80       <  |               |   | 1   |             |       |     |           |      |   |          |          |        |          |         | Ĺ        |                  |      |          |                    | 187 |
| 8       39       69       99       129       159       189         10       11       41       71       100       130       160       190         11       12       42       72       102       132       162       192         2       13       43       73       103       133       163       193         3       14       44       74       104       134       164       194         4       15       45       75       105       135       165       193         6       16       46       76       76       105       135       165       195         18       48       78       108       138       166       196       199         12       19       49       79       109       139       169       199         13       20       50       80       110       140       170       200         14       21       51       81       111       141       171       201         15  | -             |   | -   |             |       |     |           |      |   |          |          |        |          |         |          |                  | 158  |          |                    |     |
| 3  |               |   | -   |             |       |     |           |      |   | L        |          |        |          |         |          |                  | 159  |          |                    |     |
| 10   |               |   |     |             |       |     |           |      |   |          |          |        |          | 130     |          |                  | 160  | Ì        |                    |     |
| 11       12       42       72       102       132       162       192         2       13       43       73       103       133       163       193         3       14       45       75       105       135       165       195         6       16       46       76       106       136       166       196         7       17       47       77       107       137       167       197         18       48       78       108       138       168       196         12       19       49       79       109       139       169       199         13       20       50       80       110       140       170       200         14       21       51       81       111       141       171       170       200         15       22       52       82       112       142       172       202         16       23       53       83       113       143       173       203         17  |               |   |     |             |       |     |           |      |   |          |          | - 1    |          | 131     | . [      |                  | 161  | 1        |                    |     |
| 3       14       44       74       103       133       163       193         3       14       44       74       104       134       164       194         4       15       45       75       105       135       165       195         6       16       76       106       136       166       196         7       17       107       137       167       197         12       19       49       79       109       139       169       199         13       20       50       80       110       140       170       200         14       21       51       81       111       141       171       201         15       22       82       112       142       172       202         16       23       53       83       113       143       173       203         17       24       84       114       144       174       204       204         18       25       85       85       115  |               |   |     |             |       |     |           |      |   |          |          | Į      |          | 132     | Г        |                  | 162  | İ        |                    |     |
| 3       14       15       44       74       104       134       164       194         4       15       45       75       105       135       165       195         7       17       47       77       107       137       167       197         18       48       78       108       138       168       198         12       19       49       79       109       139       169       199         13       20       50       80       110       140       170       200         14       21       51       81       111       141       171       201         15       22       52       82       112       142       172       202         16       23       53       83       113       143       173       203         17       24       54       84       114       144       174       204         18       25       55       85       115       145       175       205         20  |               |   |     |             |       |     |           |      |   |          |          | [      |          | 133     |          |                  | 163  | Ì        |                    |     |
| 4     15     45     75     105     135     165     195       6     16     46     76     106     136     166     196       7     17     48     78     108     138     168     198       12     19     49     79     109     139     169     199       13     20     50     80     110     140     170     200       14     21     51     81     111     141     171     201       15     22     52     82     112     142     172     202       16     23     53     83     113     143     173     203       17     24     54     84     114     144     174     204       18     25     55     85     115     145     175     205       19     26     56     86     116     146     176     206       20     27     57     87     117     147     177     207       21  |               |   |     |             |       |     |           |      |   |          | 104      | [      |          | 134     |          |                  | 164  | ľ        |                    |     |
| 6     16       7     17       18     48       12     19       13     20       14     21       15     22       16     23       17     24       18     55       84     111       111     141       112     142       15     22       16     23       17     24       18     25       19     26       20     27       21     28       29     59       30     60   |               |   |     |             |       | 1   |           |      |   |          | 105      |        |          | 135     | Ī        |                  | 165  | ı        |                    |     |
| 7     17     18     48     78     107     137     167     197       12     19     49     79     109     138     168     198       13     20     50     80     110     140     170     200       14     21     51     81     111     141     171     201       15     22     52     82     112     142     172     202       16     23     53     83     113     143     173     203       17     24     54     84     114     144     174     204       18     25     55     85     115     145     175     205       19     26     56     86     116     146     176     206       20     27     57     87     117     147     177     207       21     28     58     88     118     148     178     208       29     59     89     119     149     179     209   |               |   |     |             |       |     |           |      |   |          | 106      | Ī      |          | 136     | ľ        |                  |      | - 1      |                    |     |
| 18   48   78   108   138   168   198     12   19   49   79   109   139   169   199     13   20   50   80   110   140   170   200     14   21   51   81   111   141   171   201     15   22   52   82   112   142   172   202     16   23   53   83   113   143   173   203     17   24   54   84   114   144   174   204     18   25   55   85   115   145   175   205     19   26   56   86   116   146   176   206     20   27   57   87   117   147   177   207     21   28   58   88   118   148   178   208     29   59   89   119   149   179   209  |               |   |     |             |       |     |           |      |   | _        | 107      |        |          | 137     | . [      |                  |      | ,        |                    |     |
| 12   19     13   20     14   21     15   22     16   23     17   24     18   25     19   26     20   27     21   28     29   59     30   60       109   139     110   140     111   141     111   141     112   142     113   143     113   143     114   144     144   174     15   203     115   145     116   146     117   147     117   147     118   118     119   149     119   149     119   149     119   149     119   149     119   149     119   149     110   140     111   141     112   142     113   143     114   144     115   145     116   146     117   147   |               |   |     |             |       | [   |           |      |   |          | 108      | - [    |          | 138     |          |                  |      | t        |                    |     |
| 13   20   50   80   110   140   170   200     14   21   51   81   111   141   171   201     15   22   52   82   112   142   172   202     16   23   53   83   113   143   173   203     17   24   54   84   114   144   174   204     18   25   55   85   115   145   175   205     19   26   56   86   116   146   176   206     20   27   57   87   117   147   177   207     21   28   58   88   118   148   178   208     29   59   89   119   149   179   209   | $\overline{}$ |   | 1   |             |       |     |           |      |   |          | 109      |        |          |         | <b> </b> |                  |      | - 1      | $\neg \rightarrow$ |     |
| 14   21     15   22     16   23     17   24     18   25     19   26     20   27     21   28     29   59     30     81   111     111   141     112   142     113   143     113   143     114   144     144   174     115   145     116   146     117   147     117   147     118   118     119   149     119   179     209  |               |   | 1   |             |       |     |           |      |   |          | 110      | ſ      |          |         |          |                  |      | <u> </u> |                    |     |
| 15   22     16   23     17   24     18   25     19   26     20   27     21   28     29   59     30   60     20   112     112   142     113   143     113   143     114   144     115   145     115   145     116   146     117   147     117   147     118   148     119   149     119   149     119   149     119   149     119   149     119   149     119   149     119   149     119   149     120   149     120   149     121   141     121   142     143   143     144   144     145   145     146   146     147   147     148   148     149   149     149   149     140   144 <tr< td=""><td></td><td></td><td>ļ</td><td></td><td></td><td></td><td></td><td>81</td><td>ſ</td><td></td><td>111</td><td>ľ</td><td></td><td></td><td></td><td></td><td></td><td>F</td><td></td><td></td></tr<>  |               |   | ļ   |             |       |     |           | 81   | ſ |          | 111      | ľ      |          |         |          |                  |      | F        |                    |     |
| 16   23     17   24     18   25     19   26     20   27     21   28     29   59     30   60     83   113     113   143     114   174     114   174     115   145     116   146     117   147     118   148     119   149     149   179     209   |               |   | Ĺ   |             |       | L   |           | 82   | ſ |          | 112      | ŀ      |          |         | İ        |                  |      | r        |                    |     |
| 17   24     18   25     19   26     20   27     21   28     29   59     30   60  |               |   |     |             |       | Ĺ   |           | 83   | ſ |          | 113      | ı      |          |         |          |                  |      | h        |                    |     |
| 18   25   55   85   115   145   175   205     19   26   56   86   116   146   176   206     20   27   57   87   117   147   177   207     21   28   58   88   118   148   178   208     29   59   89   119   149   179   209     30   60   90   100   100  | -             |   | L   |             |       | Ŀ   |           | 84   | Ī |          | 114      |        |          |         | r        |                  |      |          |                    |     |
| 19   26   56   86   116   146   176   206     20   27   57   87   117   147   177   207     21   28   58   88   118   148   178   208     29   59   89   119   149   179   209     30   60   90   100   100   100  |               |   | L   |             |       |     |           | 85   | Ī |          |          |        |          |         | r        |                  |      | -        |                    |     |
| 20   27     21   28     29   59     30   60  |               |   | L   |             |       |     |           | 86   | Ī |          |          | - 1    |          |         |          |                  |      | <br>     |                    |     |
| 21   28   58   88   118   148   178   208     29   59   89   119   149   179   209     30   60   90   100   100   100  |               |   | Ĺ   |             |       | Γ   |           | 87   | ſ |          |          |        |          |         | F        |                  |      | -        |                    |     |
| 29 59 89 119 149 179 209   | 21            |   |     |             |       | Γ   |           | 88   | ľ |          |          | <br> - |          |         | -        |                  |      | <b>-</b> |                    |     |
| 30 60 209  |               |   | . [ |             |       | Γ   |           |      | ľ |          |          | <br>   |          |         | <br>     |                  |      | <br> -   |                    |     |
|  |               | 30  |     |             | 60    | _ 「 |           |      | ŀ |          | 120      |        |          |         | <br>     |                  |      | -        |                    |     |